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No. VII.

METEOROLOGICAL JOURNAL,

COMMENCING

1ST JANUARY, 1849, AND ENDING 31ST DECEMBER, 1849.

BY

GEORGE YEATES.

THE instruments employed, and the general circumstances of the mode of observing, have been described in the preliminary observations to the Tables of the year 1843, in the 2nd volume of the Proceedings of the Academy, Appendix V.

JANUARY.					
	Thermom.		Barom.	Rain.	Wind.
	Max.	Min.			
1	42°	37°	30.150	. . .	S. E.
2	43	33	29.966	.010	S. E.
3	34	24	29.680	. . .	S. E.
4	33	28	29.760	. . .	S. E.
5	38	32	29.800	.108	N. E.
6	40	36	30.012	.006	S. E.
7	41	37	29.936	.012	S. E.
8	54	42	29.586	.080	W.
9	45	38	29.550	.016	W.
10	51	37	28.884	.300	N. W.
11	46	38	29.666	.030	N. W.
12	45	35	29.826	. . .	S. W.
13	51	44	29.568	.350	N. W.
14	54	46	29.358	.800	N. W.
15	46	38	29.886	.020	N. W.
16	45	35	29.706	. . .	S.
17	51	41	29.692	.120	W.
18	50	38	29.614	. . .	S. W.
19	59	44	29.750	.040	E.
20	46	33	30.100	.510	N. W.
21	52	37	29.780	. . .	S. W.
22	53	36	29.996	.220	S. W.
23	48	40	30.268	.110	W.
24	51	46	30.234	. . .	S. W.
25	50	47	29.840	.006	S. W.
26	53	36	29.734	.100	S. W.
27	43	34	29.720	. . .	S.
28	44	33	29.400	.200	W.
29	30	38	30.000	. . .	S. E.
30	48	34	29.784	.150	S. W.
31	53	38	30.188	.060	S. W.

FEBRUARY.					
	Thermom.		Barom.	Rain.	Wind.
	Max.	Min.			
1	45°	36°	30.130	.025	S. W.
2	51	42	30.220	.120	W.
3	53	46	30.264	. . .	W.
4	52	47	30.368	. . .	S. W.
5	52	45	30.426	. . .	S. W.
6	50	43	30.344	. . .	W.
7	50	44	30.266	. . .	W.
8	52	43	29.974	.080	N.
9	46	38	30.300	. . .	S. W.
10	51	43	30.220	.020	N. W.
11	40	32	30.800	. . .	W.
12	46	25	30.576	. . .	E.
13	47	32	30.446	. . .	N. W.
14	49	35	30.600	. . .	W.
15	47	42	30.550	. . .	N. W.
16	46	30	30.436	. . .	N. W.
17	54	32	30.586	. . .	W.
18	50	37	30.382	. . .	W.
19	52	47	29.826	. . .	W.
20	50	40	29.680	.100	W.
21	42	35	29.942	.120	W.
22	52	42	29.718	.080	N. W.
23	49	36	29.963	.060	W.
24	47	34	29.650	.045	N.
25	42	29	29.462	. . .	E.
26	41	30	29.700	. . .	E.
27	43	25	29.920	. . .	W.
28	44	38	29.750	.100	W.

MARCH.					
	Thermom.		Barom.	Rain.	Wind.
	Max.	Min.			
1	45°	31°	29.834	.020	N.
2	47	40	30.034	.010	N.
3	51	39	30.276	. . .	W.
4	54	46	30.332	. . .	S. W.
5	52	44	30.450	. . .	N. W.
6	50	36	30.500	. . .	S. W.
7	52	46	29.900	.010	N. W.
8	44	38	29.920	.002	N. W.
9	42	28	30.046	.030	N. W.
10	37	26	30.464	. . .	N. W.
11	44	34	30.250	. . .	S. W.
12	52	36	30.238	.006	W.
13	55	48	30.280	. . .	N. W.
14	55	44	30.356	.050	N. W.
15	53	45	30.390	. . .	W.
16	53	36	30.338	. . .	N. W.
17	53	34	30.228	. . .	S. E.
18	58	33	30.000	. . .	S. E.
19	56	45	29.902	. . .	S. E.
20	51	43	30.070	. . .	S. E.
21	56	41	30.268	. . .	N. W.
22	55	48	30.108	.002	N. E.
23	55	33	30.134	. . .	N. E.
24	46	40	30.020	.010	N. E.
25	49	47	30.072	.010	S. E.
26	47	35	30.014	.022	N. E.
27	49	33	29.278	.070	W.
28	48	38	29.340	.040	N. E.
29	42	38	29.420	.250	N. E.
30	43	32	29.100	.420	S. E.
31	46	30	29.290	.100	N. E.

APRIL.					
	Thermom.		Barom.	Rain.	Wind.
	Max.	Min.			
1	49°	37°	29.260	.160	S. E.
2	49	35	29.210	.110	W.
3	47	34	29.538	. . .	N. W.
4	57	35	29.442	.006	S. W.
5	46	41	29.344	.080	E.
6	51	41	29.316	.020	S. E.
7	48	43	29.170	.200	S. E.
8	53	43	29.400	.010	S. E.
9	47	42	29.568	.370	S. E.
10	45	48	29.780	. . .	S. E.
11	45	38	29.874	.006	N. E.
12	48	32	29.772	.006	N. W.
13	48	31	29.250	.100	N. W.
14	46	32	29.236	.240	N. E.
15	47	41	29.832	.050	E.
16	48	37	29.850	. . .	N. E.
17	51	28	29.880	.060	N. W.
18	38	27	29.990	.006	N. W.
19	43	30	29.668	.300	N. E.
20	44	29	29.844	.020	W.
21	43	36	29.776	.200	S. E.
22	48	42	29.862	.060	N. W.
23	53	41	29.682	.120	N. W.
24	54	39	29.628	.160	S. W
25	52	40	29.668	.012	S. W.
26	54	39	29.649	.040	W.
27	56	41	29.449	.035	S. W.
28	51	41	29.600	.050	S. W.
29	58	36	30.036	.070	W.
30	62	49	30.150	. . .	S. E.

MAY.					
	Thermom.		Barom.	Rain.	Wind.
	Max.	Min.			
1	63°	40°	30.184	. . .	S. E.
2	66	36	30.020	. . .	E.
3	60	49	29.949	. . .	N. E.
4	63	45	29.920	. . .	N. E.
5	66	47	29.924	. . .	S. E.
6	60	44	29.924	. . .	E.
7	53	44	30.034	. . .	E.
8	51	42	30.172	. . .	E.
9	58	35	30.050	. . .	E.
10	60	42	29.900	. . .	E.
11	55	46	29.938	. . .	E.
12	59	40	30.062	. . .	E.
13	63	49	29.828	.008	S. W.
14	69	48	29.510	. . .	S. W.
15	58	47	29.500	.750	N. W.
16	64	50	29.164	.040	S. W.
17	68	48	29.100	.080	S. W.
18	56	50	29.016	.100	S. W.
19	57	42	29.910	. . .	S. E.
20	59	50	29.540	.270	S.
21	60	47	29.720	.080	S.
22	58	48	29.516	.060	S. W.
23	54	49	29.974	.140	W.
24	59	53	29.962	. . .	W.
25	58	50	29.938	.090	W.
26	67	50	29.862	.025	W.
27	65	40	30.050	. . .	S. W.
28	66	45	30.230	. . .	N. W.
29	66	46	30.150	. . .	W.
30	61	47	30.128	.200	N. W.
31	66	46	29.850	.080	E.

JUNE.					
	Thermom.		Barom.	Rain.	Wind.
	Max.	Min.			
1	67°	46°	30.100	.020	N. W.
2	68	52	30.076	. . .	W.
3	69	42	30.180	.060	W.
4	70	45	30.076	. . .	E.
5	72	51	29.950	. . .	W.
6	66	42	30.144	. . .	S. E.
7	69	39	30.188	. . .	S. E.
8	69	39	30.020	. . .	E.
9	65	51	29.928	. . .	E.
10	67	41	29.899	. . .	N. E.
11	63	38	29.900	. . .	W.
12	63	45	29.980	.060	N. W.
13	60	38	30.088	.100	N. E.
14	68	40	30.100	. . .	S. E.
15	70	48	29.938	. . .	S. E.
16	67	40	29.950	. . .	W.
17	63	39	30.064	.150	S. E.
18	67	47	30.064	. . .	W.
19	69	53	29.650	.070	W.
20	66	38	30.088	. . .	W.
21	67	54	30.068	.030	W.
22	64	45	30.108	. . .	W.
23	73	56	29.912	.030	N. W.
24	70	44	29.900	. . .	S. E.
25	71	54	29.788	. . .	S. E.
26	73	52	29.922	. . .	S. W.
27	67	54	29.940	. . .	W.
28	69	50	30.040	. . .	W.
29	69	52	30.012	. . .	S.
30	70	50	30.144	.040	E.

JULY.					
	Thermom.		Barom.	Rain.	Wind.
	Max.	Min.			
1	71°	51°	30.000	.010	W.
2	69	49	30.024	.120	N. W.
3	65	55	29.550	.600	W.
4	65	55	29.664	.004	N. W.
5	64	45	29.874	.020	W.
6	68	55	29.798	. . .	S. W.
7	70	59	29.768	.130	S. W.
8	76	56	29.988	.004	W.
9	70	50	30.270	. . .	N. W.
10	70	56	30.352	. . .	S. W.
11	77	54	30.364	. . .	E.
12	77	56	30.352	. . .	E.
13	77	53	30.364	. . .	E.
14	75	53	30.236	. . .	S. E.
15	74	48	30.160	. . .	S. E.
16	75	50	30.060	. . .	S. E.
17	77	50	29.830	.080	N. W.
18	66	50	29.600	.035	W.
19	63	48	29.570	.160	N. W.
20	65	48	29.632	.230	N. W.
21	61	50	29.900	.002	N. W.
22	68	56	29.844	. . .	S. W.
23	70	50	29.600	.220	W.
24	64	46	29.450	.240	N. W.
25	62	43	29.468	.060	N. W.
26	69	52	29.500	. . .	S. W.
27	71	53	30.000	.100	S. W.
28	68	54	29.800	.012	E.
29	69	49	29.692	.070	S. W.
30	66	50	29.520	.140	S. W.
31	67	50	29.824		

AUGUST.					
	Thermom.		Barom.	Rain.	Wind.
	Max.	Min.			
1	66°	49°	30.116	. . .	W.
2	67	56	30.116	.008	N. W.
3	76	52	30.050	. . .	E.
4	66	41	29.974	. . .	S.
5	66	47	29.880	. . .	S. E.
6	66	43	29.968	. . .	S. E.
7	69	56	29.856	1.420	S. E.
8	70	58	29.810	.040	S. E.
9	69	58	29.684	. . .	W.
10	68	55	29.732	.040	W.
11	70	58	29.550	.350	S.
12	70	56	29.422	. . .	S.
13	76	53	29.320	.008	S. W.
14	66	50	29.584	.180	S. W.
15	65	51	29.720	.010	S. W.
16	65	46	29.562	.120	N. W.
17	59	47	29.858	.120	N. W.
18	60	43	30.178	.280	N. W.
19	61	52	30.200	.002	N. W.
20	63	55	30.294	. . .	W.
21	67	58	30.300	. . .	W.
22	69	53	30.100	. . .	S. W.
23	68	51	30.180	.006	N. W.
24	64	43	30.150	. . .	W.
25	63	56	30.120	.020	W.
26	68	57	30.054	. . .	W.
27	69	52	30.024	. . .	N. W.
28	63	45	29.844	. . .	N. W.
29	68	60	29.964	.050	N. W.
30	68	50	29.846	.540	W.
31	63	53	29.750	.040	N.

SEPTEMBER.					
	Thermom.		Barom.	Rain.	Wind.
	Max.	Min.			
1	67°	56°	29.700	. . .	S. E.
2	67	55	29.540	.740	S. E.
3	68	55	29.760	.250	S. E.
4	68	48	30.150	. . .	S. E.
5	68	55	30.244	.040	S. E.
6	68	51	30.200	. . .	E.
7	68	54	30.262	. . .	S. E.
8	60	42	30.220	.002	S. W.
9	63	50	29.700	.002	W.
10	60	46	29.412	.120	N. W.
11	58	46	29.200	. . .	W.
12	56	43	29.080	.025	N. W.
13	56	50	29.700	.018	N. W.
14	57	50	30.034	. . .	W.
15	64	54	29.950	. . .	S.
16	67	49	30.220	.310	W.
17	57	38	30.450	. . .	N. W.
18	58	38	30.492	. . .	N. E.
19	58	36	30.566	. . .	N. W.
20	60	46	30.566	. . .	N. W.
21	60	50	30.370	.025	N. E.
22	60	53	30.116	.070	N. E.
23	62	52	30.020	. . .	N. E.
24	61	47	29.950	. . .	N. E.
25	62	52	29.884	. . .	S. E.
26	63	53	29.840	. . .	S. E.
27	60	53	29.750	.380	S. E.
28	57	46	29.774	.940	S. E.
29	60	52	29.500	.160	S. E.
30	65	56	29.178	.350	N. E.

OCTOBER.					
	Thermom.		Barom.	Rain.	Wind.
	Max.	Min.			
1	53°	46°	29.568	.250	N. E.
2	50	37	29.770	.040	N. E.
3	44	40	29.364	.150	N. E.
4	45	38	29.320	.550	N. W.
5	48	35	29.620	.004	W.
6	44	30	29.700	.050	E.
7	47	39	29.450	.220	E.
8	45	40	29.860	.370	N. E.
9	44	31	30.016	. . .	N. W.
10	43	30	29.810	. . .	N. E.
11	48	39	29.564	.160	E.
12	48	45	29.724	. . .	S. E.
13	47	38	30.000	.110	N. E.
14	46	36	30.240	.120	N. E.
15	47	41	30.268	.050	N. E.
16	47	40	30.050	. . .	N. W.
17	53	46	29.600	.006	S. W.
18	58	54	29.888	. . .	N. W.
19	64	57	29.800	. . .	S.
20	65	45	29.749	.040	S. W.
21	53	47	29.700	.002	S. W.
22	50	40	29.800	.035	S. W.
23	58	50	29.994	.080	S. E.
24	58	49	29.916	1.280	N. W.
25	59	56	29.736	.200	S. W.
26	57	47	29.724	.030	S. W.
27	57	50	29.800	.160	S. W.
28	56	51	30.400	. . .	W.
29	57	43	30.490	. . .	N. E.
30	58	52	30.026	. . .	W.
31	58	43	29.584	. . .	W.

NOVEMBER.					
	Thermom.		Barom.	Rain.	Wind.
	Max.	Min.			
1	52°	41°	29.350	.160	W.
2	44	36	29.580	.100	N. W.
3	43	41	29.514	.008	S.
4	43	36	29.150	. . .	S. W.
5	44	37	29.072	.150	N. W.
6	43	34	29.468	.020	N. W.
7	52	32	29.692	.120	S. W.
8	55	53	30.068	.030	S. W.
9	56	53	30.092	.030	S. W.
10	57	53	30.074	. . .	S. W.
11	66	56	30.080	. . .	S. W.
12	60	53	29.950	. . .	S. W.
13	50	48	29.676	.002	W.
14	44	40	29.574	.020	S. W.
15	44	42	29.810	.030	N. W.
16	45	34	30.226	. . .	N. W.
17	47	38	30.218	. . .	S. W.
18	53	46	30.024	.010	N. W.
19	54	52	30.016	.035	S. W.
20	52	45	29.966	. . .	S. E.
21	53	51	29.850	.002	S. E.
22	45	44	29.828	.520	N. W.
23	52	37	29.366	.030	S. W.
24	44	32	29.318	.040	W.
25	42	35	29.420	. . .	N. W.
26	41	34	29.850	.060	N. W.
27	41	32	30.032	. . .	S. E.
28	43	41	29.776	.002	N. E.
29	46	40	29.574	.070	S. W.
30	45	43	29.734	.250	S. W.

DECEMBER.					
	Thermom.		Barom.	Rain.	Wind.
	Max.	Min.			
1	47°	38°	29.930	.025	S. W.
2	50	36	29.468	.140	S. E.
3	45	37	29.460	.100	S. E.
4	41	35	29.600	.100	N. E.
5	36	31	29.138	.060	N. E.
6	42	37	29.350	.200	N. W.
7	45	37	29.200	.360	N. E.
8	43	39	29.272	1.430	S. E.
9	46	35	29.812	.010	S. E.
10	40	36	30.150	.006	N. E.
11	42	36	30.220	.060	N. E.
12	42	37	29.980	.010	N. E.
13	39	36	29.670	.006	E.
14	49	40	29.730	.040	W.
15	45	39	29.808	.100	W.
16	48	45	29.808	.020	W.
17	49	44	29.650	.210	W.
18	53	44	29.800	.140	N. W.
19	51	32	30.250	.100	W.
20	40	33	30.440	. . .	W.
21	36	28	30.550	.142	N. W.
22	35	30	30.344	. . .	N. W.
23	38	35	29.640	. . .	N. E.
24	40	31	29.552	. . .	N. E.
25	40	37	30.400	. . .	N. E.
26	43	39	30.200	.100	N. W.
27	. .	. .	. . . .	. . .	. . . .
28	41	27	29.762	. . .	N. W.
29	35	26	29.854	. . .	N. W.
30	45	25	30.240	. . .	N. W.
31	42	20	30.370	. . .	N. W.

	RAIN.	MEAN TEMP.		RAIN.	MEAN TEMP.
January	3.248	46.4	July	2.237	69.32
February . . .	0.750	48.28	August	3.234	63.71
March	1.052	49.68	September . . .	3.432	61.93
April	2.491	49.37	October	3.707	51.84
May	1.923	60.90	November . . .	1.689	48.53
June	0.500	67.70	December . . .	3.309	42.97
				29.732	